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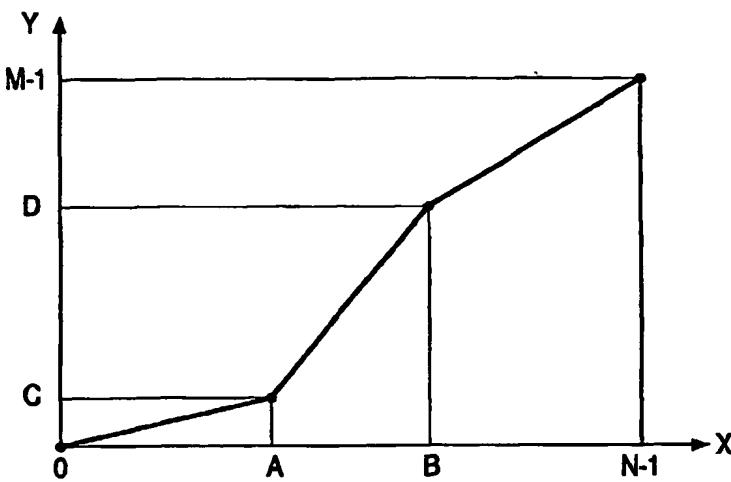
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(54) Title: CODING AND DECODING METHOD AND DEVICE

(57) **Abstract:** The invention relates to a method of coding an input digital video sequence corresponding to an original color image sequence, said method comprising at least a step for converting said video sequence from the spatial domain to less representation data, a quantization step, for transforming the converted signals thus obtained into a reduced set of data, and a step for coding said reduced set of data. According to the invention, said coding method also comprises, before said converting step, a pre-processing step, provided for determining if the input video sequence is in YUV color space, Y being the luminance component and U, V the chrominance components, and transforming said space into a less redundant color space by means of a non-linear transformation taking into account the possible lower quality finally obtained.

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